INDEX TO VOLUME XI

ACTH, use of, in surgery for parasellar neoplasms, 463
Actinomycotic brain abscess with recovery, 399
Alexander E., Jr., Garvey, F. K., and Boyce, W. Congenital lumbosacral myelomeningocele with incontinence. A contribution to the understanding of bladder physiology, 183
American Academy of Neurological Surgery, 217
American Board of Neurological Surgery, 117, 432
American Electroencephalographic Society, 332
American Neurological Association, 217, 432
Aneurysm, intracranial
  in posterior circle of Willis, development of, 135
  partial ligation for, followed by aneurysm of common carotid in neck, 209
  rupture of, during angiography, 625
  ruptured, pathologic anatomy of, 128
  supratentorial, of infratentorial origin, excision of, 422
Angiography, cerebral
  for confirmation of lateral ventricle meningiomas, 337
  for demonstration of meningeal arterial anastomoses, 363
  percutaneous, complication of, 112
  rupture of aneurysm during, 625
Angiography, vertebral
  complications of, 607
  percutaneous, 442
Angioma, bilateral, of choroid plexus, 428
Anguli, V. C. See Ramamurthi, B., 622
Apparatus: See also Instruments
  instrument table, 430
  sponge rubber pad for operations with patient in prone position, 212
Araki, C. See Huang, Y. S., 337
Arana, R. See Segundo, J. P., 583
Arfonad for controlled hypotension, 143
Association for Research in Nervous and Mental Disease, 118

Balea, E. See Segundo, J. P., 583
Barnard, J. W. See Fry, W. J., 471
Bassett, R. C., and Lemmen, L. J. Intracranial aneurysms. II. Some clinical observations concerning their development in the posterior circle of Willis, 135
Beeman, C. B. See List, C. F., 394
Bering, E. A., Jr. Water exchange in the brain and cerebrospinal fluid. Studies on the intraventricular instillation of deuterium (heavy water), 234
Bigelow, N. H. See Campbell, E., 422
Black, S. P. W., and German, W. J. A clamp for temporarily occluding small blood vessels, 514
Bladder, physiology of, 183
Blood vessels: See also Aneurysm
  anterior chorioidal artery, occlusion of, for Parkinsonism, 578
  bilateral carotid-cavernous fistula, 323
  cerebral, peripheral collateral circulation between, 363
  internal carotid artery thrombosis, collateral circulation through ophthalmic artery in, 405
  small, clamp for occluding, 514
  superior sagittal sinus, thrombosis of, caused by trauma, 173
  tantalum clip for occluding, 633
  vascular malformations in region of great vein of Galen, 488
Boldrey, E. B. See Malamud, N., 353
Boyce, W. See Alexander, E., Jr., 183
Brain
  abscess caused by Nocardia asteroides, 312, 399
  abscess, delayed, related to foreign bodies, 386
  anterior cingulectomy in man, 268
  area "4s" suppressor mechanism, 7, 26
  limbic lobe in man, 64
  limbic system and its hippocampal formation, 29
  necrosis of, following X-ray therapy, 353
  paragonimiasis of, 318
  pseudotumor cerebri, 433
  spinothalamic tractotomy for intractable itching, 508
  thalamocortical projection system, non-specific, 24
  transorbital leukotomy, controlled, 458
  transventricular wounds of, 151
  visceral brain of man, 45
  water exchange in, 234
Brain injury: See Cranium; Head injury
Brain tumor: See Intracranial tumor
Browder, E. J., and Kaplan, H. A. Concerning the neural mechanism of Parkinsonian tremor, 578
Brown, H. A. Unusual recovery following marked dislocation of lumbar spine, 402
Brown, M. H., and Walsh, M. N. The effect of ventral quadrant section of the cervical cord on hemiballismus, 409
Bucy, P. C. Discussion, 26
  See Sadove, M. S., 143
  See Sugar, O., 607

Campbell, C. S., and Wulf, R. F. Lipoma producing a lesion of the deep branch of the radial nerve. Case report, 310
Campbell, E., Perese, D., and Bigelow, N. H.

Excision of multisaccular supratentorial aneurysm of infratentorial origin. Case report, 422
Carrie, A. W., and Jaffé, F. A. Thrombosis of superior sagittal sinus caused by trauma without penetrating injury, 173
Cerebellum, nocardiosis with multilocular abscess of, 394
Cerebrospinal fluid
rhinorrhea and pneumocephalus, treatment of, 277
water exchange in, 234
Cerebrum: See Brain
Cherry, G. See Schneider, R. C., 546
Cholinergic blocking agents in treatment of cranio-cerebral injuries, 77
Choroid plexus, bilateral angioma of, 428
Chusid, J. G., and de Gutiérrez-Mahoney, C. G. Glioblastoma multiforme of septum pellucidum, 251
——, ——, and Margules-Lavergne, M. P. Speech disturbances in association with parasagittal frontal lesions, 193
Cingulectomy, anterior, in man, 268
Cohen, S. J. See Zuidema, G. D., 433
Congrès des Neuro-Chirurgiens, 217
Congress of Neurological Surgeons, 118, 516
Congresso Nazionale di Psichiatria, 218
Côté, P. E. See Sirois, J., 112
Craig, W. McK. See Dodge, H. W., Jr., 258
——, Dodge, H. W., Jr., and Ross, P. J. Acoustic neuromas in children. Report of 2 cases, 505
Craigmile, T. See Davis, L., 262
Cranium: See also Head injury
form-fitting plastic cranioplasty, 219
Cryptococcosis, intramedullary granuloma of spinal cord, 622
Cyst, choroid, of brain, with leukemic contents, 205

Davis, L., and Craigmile, T. Results of radioactive isotope encephalography in patients with verified intracranial tumors, 262
Descuns, P., Garré, H., and Phéline, C. Tuberculomas of the brain and cerebellum, 243
Deuterium, intraventricular instillation of, 234
Dodge, H. W., Jr. See Craig, W. McK., 505
——, Grindlay, J. H., Craig, W. McK., and Ross, P. J. Use of polyvinyl sponge in neurosurgery, 258
Drew, J. H., and Fager, C. A. Delayed brain abscess in relation to retained intracranial foreign bodies, 386

Encephalography, radioactive isotope, in patients with intracranial tumors, 262
Ependymoma, occipital, with extracranial metastases, 413
Epstein, J. A. The syndrome of herniation of the lower thoracic intervertebral discs with nerve root and spinal cord compression. A presentation of four cases with a review of the literature, methods of diagnosis and treatment, 525
Erb, Howard Renninger, 330

Fadell, E. J. See Malamud, N., 353
Fager, C. A. See Drew, J. H., 386
Foramen magnum, tumors of, 161
French, L. A., and Peyton, W. T. Vascular malformations in the region of the great vein of Galen, 488
——, and Scholtis, G. A neurosurgical instrument table, 430
Fry, F. J. See Fry, W. J., 471
Fry, W. J., Mosberg, W. H., Jr., Barnard, J. W., and Fry, F. J. Production of focal destructive lesions in the central nervous system with ultrasound, 471
Fulton, J. F. Recent advances in neurophysiology, 1

Garré, H. See Descuns, P., 243
Garvey, F. K. See Alexander, E., Jr., 183
German Society of Neurosurgery, 332
German, W. J. See Black, S. P. W., 514
Gleave, G. See Sadove, M. S., 143
Glioblastoma multiforme
of septum pellucidum, 251
treatment of, with radium, 119
Glucose tolerance in patients with localized lesions of nervous system, 583
Grant, F. C. A clinical experience with meningiomas of the brain, 479
Granuloma, cryptococcic, of spinal cord, 622
Green, E. D. See Wise, B. L., 633
Greenwood, J., Jr. Total removal of intramedullary tumors, 616
See McGuire, T. H., 428
Grindlay, J. H. See Dodge, H. W., Jr., 258
Gross, S. W., and Holzman, A. Aneurysm of common carotid artery in the neck following partial ligation for an intracranial aneurysm, 209
de Gutiérrez-Mahoney, C. G. See Chusid, J. G., 193, 251

Hamby, W. B. A modified technique for spinothalamic cordotomy, 378
Hanbery, J., and Jasper, H. The non-specific thalamocortical projection system, 24
Harsh, G. R., III. Peritoneal shunt for hydrocephalus utilizing the fimbria of the fallopian tube for entrance to the peritoneal cavity, 284
Harvey Cushing Society, 332
Hayes, G. J. See Rizzoli, H. V., 277
Headache, surgical treatment of, 596
Head injury: See also Cranium

cholinergic blocking agents in treatment of, 77
thrombosis of superior sagittal sinus caused by, 173
transventricular wounds of brain, 151
Hemangioblastoma of cerebellum, familial, 217
Hemiballismus, effect of ventral quadrant section of cervical cord on, 409
Holzman, A. See Gross, S. W., 209
Hooper, R. S. Cerebral paragonimiasis, 318
Horrax, G. See LaFia, D. J., 205
Huang, Y. S., and Araki, C. Angiographic confirmation of lateral ventricle meningiomas. A report of five cases, 337
Hydrocephalus, peritoneal shunt for, 284
Hypotension, controlled, 143

Imler, R. See Meyers, R., 7
Instruments: See also Apparatus
clamp for occluding small blood vessels, 514
tantalum clip for occluding cerebral blood vessels, 633
Intervertebral disc, herniated
thoracic, with nerve root and spinal cord compression, 525
thoracic, with spinal cord compression, in kyphosis dorsalis juvenilis, 327
Intracranial tumor
acoustic neuromas in children, 505
angioma of choroid plexus, bilateral, 428
choroid cyst with leukemic contents, 205
ependymoma, occipital, with extracranial metastases, 413
glioblastoma multiforme of septum pellucidum, 251
glioblastomas, treatment of, with radium, 119
hemangioblastoma, cerebellar, familial, 217
meningiomas of brain, clinical experience with, 479
meningiomas of lateral ventricle, angiographic confirmation of, 337
metastatic, lung cancer as related to, 306
metastatic, treatment of, 84
midline obstructional, ventriculo-pleural anastomosis for, 295
parasagittal frontal, with speech disturbances, 193
parasellar, use of ACTH in surgery for, 463
radioactive isotope encephalography in patients with, 262
tuberculomas of brain and cerebellum, 243
Itching, intractable, spinothalamic tractotomy for, 508

Jaffé, F. A. See Carrie, A. W., 173
Jamieson, K. G. Rupture of an intracranial aneurysm during cerebral angiography, 625
Jasper, H. See Hanbery, J., 24

Kaplan, H. A. See Browder, E. J., 578
Karavitis, A. L. See Svien, H. J., 509
Kenney, M. See Krueger, E. G., 226
Knights, E. M., Jr. The increasing importance of lung cancer as related to metastatic brain tumors, 306
Knott, J. R. See Meyers, R., 7
Krueger, E. G., Norsa, L., Kenney, M., and Price, P. A. Nocardiosis of the central nervous system, 226
Kyphosis dorsalis juvenilis, herniated intervertebral discs with spinal cord compression in, 327

LaFia, D. J., and Horrax, G. Choroid cyst of brain with leukemic contents in a patient having leukemia, 205
Lapointe, H. See Sirois, J., 112
Larson, W. L. E. See Raaf, J., 463
Latin-American Neurosurgical Congress, 432
Le Beau, J. Anterior cingulectomy in man, 268
Lemmen, L. J. See Bassett, R. C., 135
Leukotomy, transorbital, controlled, 458
Lipoma producing lesion of deep branch of radial nerve, 310
List, C. F., Williams, J. R., Beeman C. B., and Payne, C. A. Nocardiosis with multilocular cerebellar abscess. Report of a cured case, 394
Love, J. G., and Svien, H. J. Results of decompression operation for trigeminal neuralgia, 499
Lung cancer, importance of, as related to metastatic brain tumors, 306

MacCarty, C. S. The treatment of spastic paraplegia by selective spinal cordectomy, 539
MacLean, P. D. The limbic system and its hippocampal formation. Studies in animals and their possible application to man, 29
McGuire, T. H., Greenwood, J., Jr., and Newton, B. L. Bilateral angioma of choroid plexus. Case report, 428
Maass, L. Occipital ependymoma with extracranial metastases, 413
Malamud, N., Boldrey, E. B., Welch, W. K., and Fadell, E. J. Necrosis of brain and spinal cord following X-ray therapy, 353
Margules-Lavergne, M. P. See Chusid, J. G., 193
Mason, T. H., Swain, G. M., and Osheroff, H.R. Bilateral carotid-cavernous fistula, 323
Medovy, H. See Parkinson, D., 629
Meningioma
of brain, clinical experience with, 479
of lateral ventricle, angiographic confirmation of, 337
Metastases, extracranial, from occipital ependymoma, 413
Metastatic brain tumors
importance of lung cancer in relation to, 306
treatment of, 84
Meyers, R., Knott, J. R., Skultety, F. M., and

Imler, R. On the question as to the existence of a "4s" suppressor mechanism. Experiments on the cat and human, 7
Mitchell, J. R. See Parkinson, D., 629
Montreal Neurological Institute, 516
Mosberg, W. H., Jr. See Fry, W. J., 471
Munslow, R. A. Actinomycotic (Nocardia asteroides) brain abscess with recovery. Case report, 399
Myelomeningocele, lumbosacral, with incontinence, 183

Namin, P. Percutaneous vertebral angiography, 442
National Institute of Mental Health, 218
Nerve: See also Paralysis
facial and spinal accessory nerve anastomosis, technique for, 509
facial neuralgia, atypical, surgical treatment of, 596
glossopharyngeal neuralgia accompanied by unconsciousness, 511
radial, lipoma producing lesion of, 310
root compression with herniated thoracic intervertebral discs, 525
trigeminal neuralgia, "gangliolysis" for treatment of, 333
trigeminal neuralgia, results of decompression operation for, 499
trigeminal root, decompression of, 299
Nervous system
glucose tolerance in patients with localized lesions of, 583
mechanism of Parkinsonian tremor, 578
nocardiosis of, 226
production of destructive lesions in, with ultrasound, 471
Neuroma, acoustic, in children, 505
Neurophysiological symposium, 1
Neurophysiology, recent advances in, 1
Neurosurgical societies
American Academy of Neurological Surgery, 217
Congrès des Neuro-Chirurgiens, 217
Congress of Neurological Surgeons, 118, 516
German Society of Neurosurgery, 332
Harvey Cushing Society, 332
Latin-American Neurosurgical Congress, 432
Neurosurgical Society of America, 118, 332, 516
New York Society of Neurosurgery, 635
Scandinavian Neurosurgical Society, 218
Southern Neurosurgical Society, 635
Neurosurgical Society of America, 118, 332, 516
Newton, B. L. See McGuire, T. H., 428
New York Society of Neurosurgery, 635
Nocardiosis
brain abscess caused by Nocardia asteroides, 312, 399
of central nervous system, 226
with multilocular cerebellar abscess, 394
Norsa, L. See Krueger, E. G., 226
Nosik, W. A. Controlled transorbital leukotomy, 458

Obituary
Howard Renninger Erb, 330
Frank Randall Teachenor, 214
Osheroff, H. R. See Mason, T. H., 323

Pan-Pacific Surgical Association, 218
Pantek, H. See Schneider, R. C., 546
Paragonimiasis, cerebral, 318
Paraplegia, spastic, treatment of, by spinal cordectomy, 539
Parkinson, D., Medovy, H., and Mitchell, J. R. Spinal cord tumor in a newborn, 629
Parkinsonism, neural mechanism of, 578
Payne, C. A. See List, C. F., 394
Perese, D. See Campbell, E., 422
Peyton, W. T. See French, L. A., 488
Phéline, C. See Descuns, P., 243
Pneumocephalus and rhinorrhea, treatment of, 277
Pneumoencephalography, controlled, 122
Polyvinyl sponge, use of, in neurosurgery, 258
Pool, J. L. The visceral brain of man, 45
Price, P. A. See Krueger, E. G., 226
Pseudotumor cerebri, 433

Raaf, J., Stainsby, D. L., and Larson, W. L. E. The use of ACTH in conjunction with surgery for neoplasms in the parasellar area, 463
Radioactive isotope encephalography in patients with intracranial tumors, 262
Ramamurthi, B., and Anguli, V. C. Intramedullary cryptococcic granuloma of the spinal cord, 622
Ransohoff, J. Ventriculo-pleural anastomosis in treatment of midline obstructional neoplasms, 295
Ray, B. S. The surgical treatment of headache and atypical facial neuralgia, 596
Riggs, H. E. See Wilson, G., 128
Rizzoli, H. V., Hayes, G. J., and Steelman, H. F. Rhinorrhea and pneumocephalus. Surgical treatment, 277
Robinson, F. See Shapiro, R., 122
Roentgen therapy, necrosis of brain and spinal cord following, 353
Rosegay, H., and Welch, K. Peripheral collateral circulation between cerebral arteries. A demonstration by angiography of the meningeal arterial anastomoses, 363
Ross, P. J. See Craig, W. McK., 505
See Dodge, H. W., Jr., 258
Ruge, D. The use of cholinergic blocking agents in the treatment of cranio-cerebral injuries, 77
Rupp, C. See Wilson, G., 128

Sachs, E. The treatment of glioblastomas with radium, 119
See Smolik, E. A., 161
Sachs, E., Jr. Arteriographic demonstration of collateral circulation through ophthalmic artery in internal carotid artery thrombosis. Report of two cases, 405
Sadove, M. S., Wyant, G. M., Gleave, G., and Bucy, P. C. Controlled hypotension. II. A preliminary report on "Arfonad"® (RO 2-2222), 143
Scandinavian Neurosurgical Society, 218
Schneider, R. C., Cherry, G., and Pantek, H. The syndrome of acute central cervical spinal cord injury with special reference to the mechanisms involved in hyperextension injuries of cervical spine, 546
Scholtis, G. See French, L. A., 430
Scoville, W. B. The limbic lobe in man, 64
Segundo, J. P., Balea, E., and Arana, R. Glucose tolerance in patients with localized lesions of the central nervous system, 583
Septum pellucidum, glioblastoma multiforme of, 251
Shapiro, R., and Robinson, F. Controlled pneumoencephalography. A consideration of head position and gas-fluid replacement, 122
Sirois, J., Lapointe, H., and Côté, P. E. Unusual local complication of percutaneous cerebral angiography, 112
Skultety, F. M. See Meyers, R., 7
Slemmer, R. E. Sponge rubber pad for operations performed with patient in prone position, 212
Smolik, E. A., and Sachs, E. Tumors of the foramen magnum of spinal origin, 161
Southern Neurosurgical Society, 635
Speech, disturbances of, with parasagittal frontal lesions, 193
Spence, W. T. Form-fitting plastic cranioplasty, 219
Spinal cord
  acute central cervical injury, syndrome of, 546
  cervical ventral quadrant section, effect of, on hemiballismus, 409
  compression with herniated thoracic intervertebral discs, 327, 525
  cordectomy for treatment of spastic paraplegia, 539
  injuries, 517
  necrosis of, following X-ray therapy, 353
  spinothalamic cordotomy, modified technique for, 378
Spinal cord tumor
  in newborn, 629
  in region of foramen magnum, 161
  intramedullary cryptococcic granuloma, 622
  intramedullary, total removal of, 616
Spine: See also Intervertebral disc
  cervical, hyperextension injuries of, 546
  kyphosis dorsalis juvenilis, 327
  lumbar, marked dislocation of, followed by recovery, 402
  spondylolisthesis at L5, S1, 67
Spondylolisthesis at L5, S1, mechanism of symptoms and signs in, 67
Sponge rubber pad for operations with patient in prone position, 212
Stainsby, D. L. See Raaf, J., 463
Steelman, H. F. See Rizzoli, H. V., 277
Stender, A. "Gangliolysis" for the surgical treatment of trigeminal neuralgia, 333
Störtebecker, T. P. Metastatic tumors of the brain from a neurosurgical point of view. A follow-up study of 158 cases, 84
Sugar, O., and Bucy, P. C. Some complications of vertebral angiography, 607
Svien, H. J. See Love, J. G., 499
——, and Karavitis, A. L. A technic for anastomosis of the facial nerve and spinal accessory nerve, 509
Swain, G. M. See Mason, T. H., 323
Symposium Neuroradiologicum, 218

Taarnhøj, P. Decompression of the trigeminal root, 299
Taylor, C. W. Spinothalamic tractotomy for intractable itching, 508
Teachenor, Frank Randall, 214
Thomson, J. L. Glossopharyngeal neuralgia accompanied by unconsciousness, 511
Tractotomy, spinothalamic, for intractable itching, 508
Tuberculoma of brain and cerebellum, 243
Turner, O. A. Brain abscess caused by Nocardia asteroides, 312

Ultrasound, production of destructive lesions in central nervous system with, 471

Van Landingham, J. H. Herniation of thoracic intervertebral discs with spinal cord compression in kyphosis dorsalis juvenilis (Scheuermann's disease). Case report, 327
Ventricle, lateral, meningiomas of, 337
Ventriculo-pleural anastomosis in treatment of midline obstructional neoplasms, 295

Walsh, M. N. See Brown, M. H., 409
Wannamaker, G. T. Transventricular wounds of the brain, 151
  Spinal cord injuries. A review of the early treatment in 300 consecutive cases during the Korean conflict, 517
Welch, W. K. See Malamud, N., 353
  See Rosegay, H., 363
Williams, J. R. See List, C. F., 394
Wilson, G., Riggs, H. E., and Rupp, C. The pathologic anatomy af ruptured cerebral aneurysms, 128

WISE, B. L., and GREEN, E. D. A new type of tantalum clip for occluding cerebral blood vessels, 633

WOOLSEY, R. D. The mechanism of neurological symptoms and signs in spondylolisthesis at the fifth lumbar, first sacral level, 67

WULF, R. F. See Campbell, C. S., 310

WYANT, G. M. See Sadove, M. S., 143

ZUIDEMA, G. D., and COHEN, S. J. Pseudotumor cerebri, 433